



# I~80

State Street to I300 East

Welcome to the  
Noise Balloting Meeting for the

I-80, State Street to I300 East  
Project



# Project Area

## Interstate 80 from State Street to I 300 East



 Bridge Locations

# I~80

State Street to I300 East

## Improvements

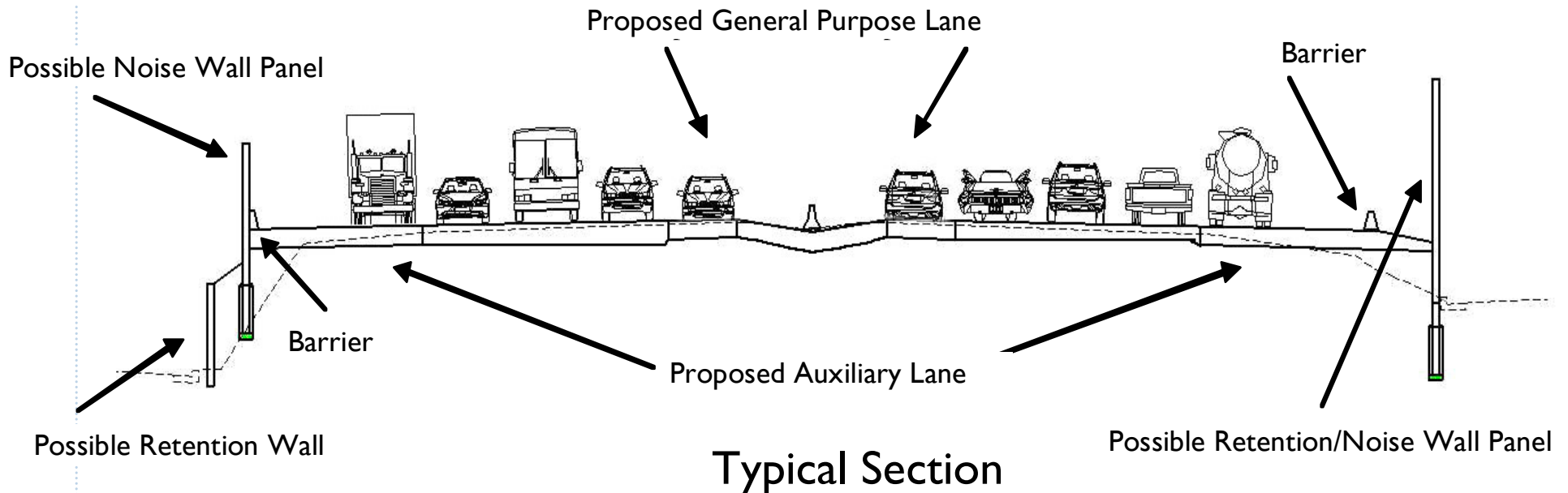
- ❑ Improvements include:
  - ❖ New bridges at State Street (funding pending), 300 East, 500 East, 600 East, 700 East, 900 East, and Highland Drive
  - ❖ New pavement
  - ❖ Interchange ramp improvements
  - ❖ Intersection improvements



# I~80

State Street to I300 East

## Improvements



- ❖ Additional general purpose lane: EB and WB
- ❖ Auxiliary lane: EB and WB
- ❖ Retaining walls to reduce right-of-way impacts
- ❖ Noise/sound walls (outcome pending ballot results)



# Project Schedule

	2007					2008								2009	
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Summer		
Environmental Process		Complete June 2007													
Design	June 2007 through Spring 2008														
Coordination w/ Construction Industry	Mid-Summer through Fall 2007														
Noise Meetings and Balloting	Late-Summer 2007														
Design Hearing	Late-Fall 2007														
Construction	Late-Summer 2007 through Summer 2009														



# Construction Update

- ☐ Upcoming Traffic Control Operations
- ☐ Construction Updates Available
  - ❖ Weekly Emails
- ☐ Hotline
  - ❖ 1-888-718-1069
- ☐ Construction Kick-off Open House
  - ❖ August 28, 2007
  - South Salt Lake Columbus Center
  - 5:30 p.m. to 7:30 p.m.

# I~80

State Street to I300 East

## Noise Analysis

### ☐ Noise Background

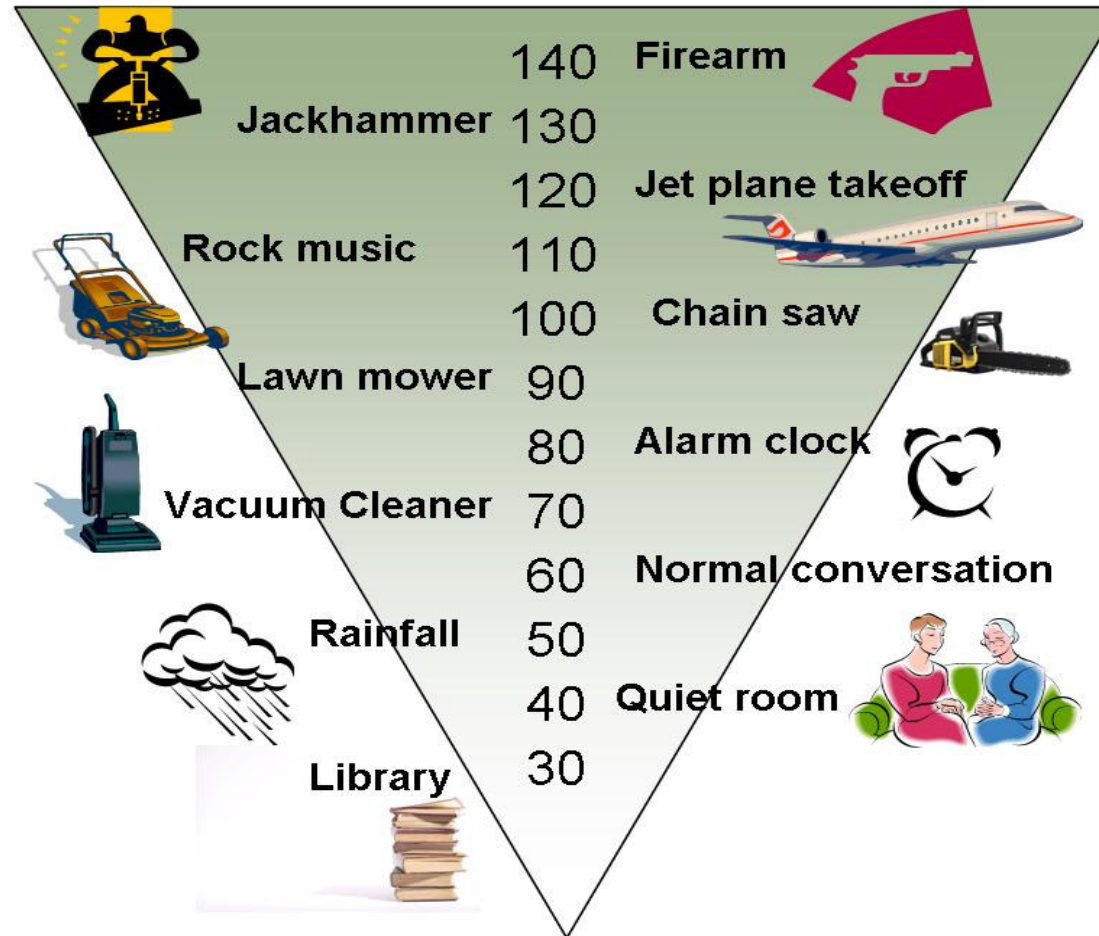
- ❖ Noise is defined as unwanted sound. Sound is produced by the vibration of sound pressure waves in the air.
- ❖ Sound pressure levels are used to measure the intensity of sound and are measured in terms of decibels (dBA).



# I~80

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## Noise Level Comparisons







# Noise Abatement Criteria

Criterion	L(eq) in dBA	Land Use
	UDOT	
A	55	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose
B	65	<b>Picnic areas, recreation areas, playgrounds, active sports areas, parks, residences, motels, hotels, schools, churches, libraries, hospitals, and cemeteries</b>
C	70	Developed lands, properties, or activities not included in A or B (i.e. commercial, industrial, etc.)
D	--	Undeveloped lands
E	50	Interior of residences, motels, hotels, public meeting rooms, schools, churches, libraries, hospitals, and auditoriums

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## Noise Mitigation

### Mitigation

- ❖ Noise mitigation will be provided if it is determined both feasible and reasonable.
- ❖ Mitigation (walls) must meet specific requirements:
  - They reduce noise by at least 5 dBA for a majority of front row receivers.
  - They can be built.
  - They are cost effective (not to exceed \$25,000 per impacted benefited receiver).
  - Balloting results favor noise mitigation.

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## Noise Mitigation

### ☐ Balloting for Noise Walls

- ❖ Noise walls will be considered if **75% of the total number of front row receivers** (those adjacent to the proposed noise wall) and **at least 67% of the total number of all impacted, mitigated receivers** vote in favor for the wall.

(Percentages will be based on the total number of ballots sent out.)

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## Noise Mitigation

### ☐ Balloting

- ❖ Ballots will only be mailed to the owners of record of the properties.
- ❖ Each wall will be considered on its own merits and property owners will only vote on the wall that directly affects them.
- ❖ If the owners reject the wall, the area will not be reconsidered for future noise abatement except under a future transportation project.


# I~80

State Street to 1300 East

## Noise Wall Ballot

**Noise wall ballots  
may be turned in at  
this meeting or  
sealed and returned  
by mail, postmarked  
by August 22, 2007.**

**Replacement  
ballots are available  
if needed. See the  
ballot booth for  
further information.**



I~80  
State Street to 1300 East

I-80: State Street to 1300 East

Project No. STP-80-3(68)121

**NOISE WALL BALLOT**

PROPERTY ADDRESS<<PROPERTY ADDRESS>>  
SERIAL NO. <<SERIAL NO.>>

<<OWNER>>  
<<ADDRESS>>  
<<CITY>>

I have read and understand the information presented to me by UDOT. I understand that the final decision on implementing noise walls will be made by UDOT as described in this ballot, despite the preference I indicate on this form. This form is not a legally binding document, but an indication of my preference regarding construction of noise walls near my property.

\_\_\_\_\_ No, I do not support a noise wall.

\_\_\_\_\_ Yes, I support a noise wall.

\_\_\_\_\_ No preference.

Property Owners signature \_\_\_\_\_ Date \_\_\_\_\_

Comments?  
\_\_\_\_\_  
\_\_\_\_\_

You may return this ballot at the project meeting set for August 15, 2007 from 6:00 to 8:00 p.m. at the ???, (address), or you may seal it and return it by mail. It is already pre-addressed and stamped for your convenience. All ballots need to be received by Monday, August 20, 2007.

Please understand that by not returning this ballot, your opinion will be considered "non-responsive and indifferent" as to the construction of a noise wall in your area and you may not receive further opportunity to cast a ballot.

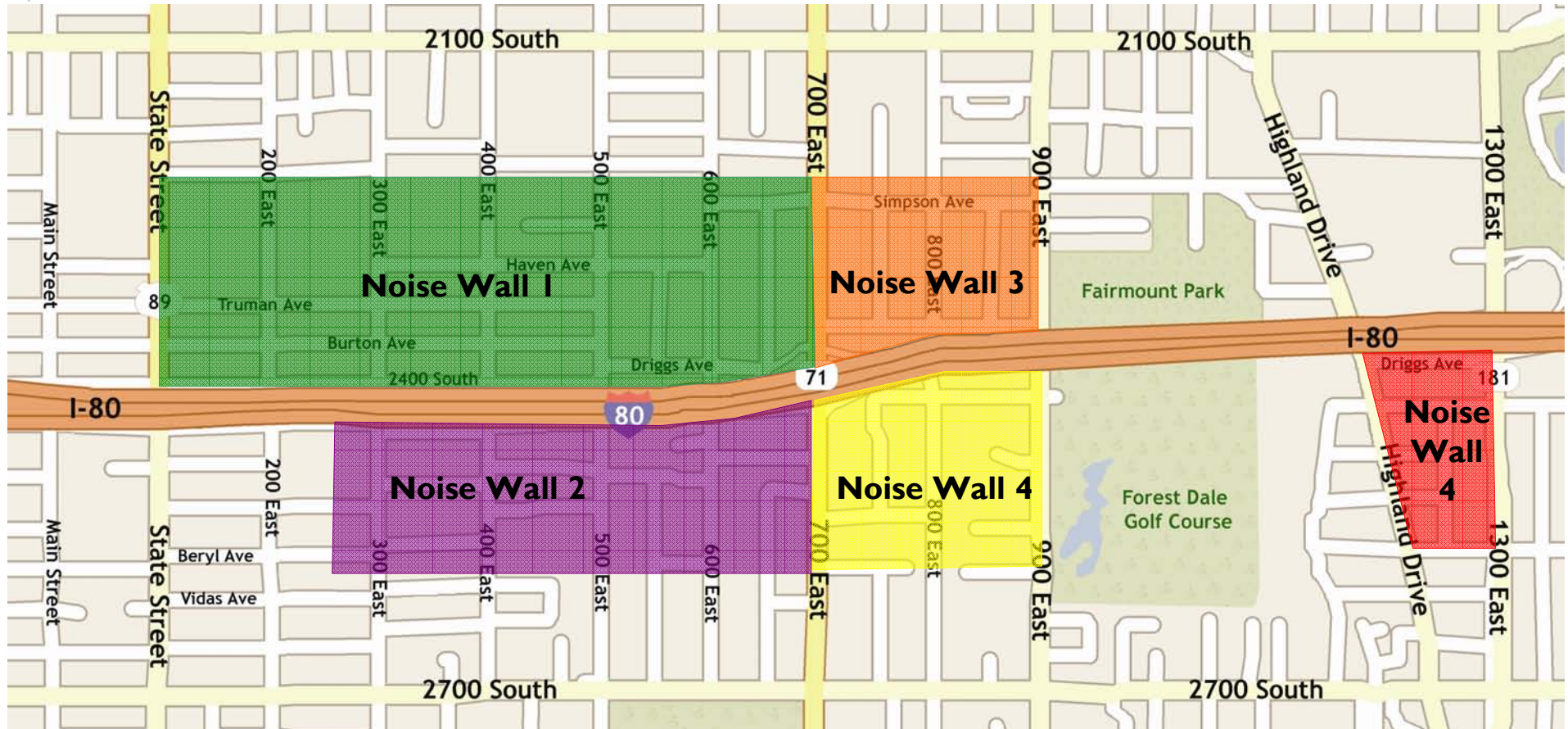




# I~80

State Street to 1300 East

## Wall Locations



Areas shown are not representative of the noise wall balloting areas



## State Street to 1300 East

- Noise Wall
- 5— Noise Reduction Contours
- Benefited Receivers

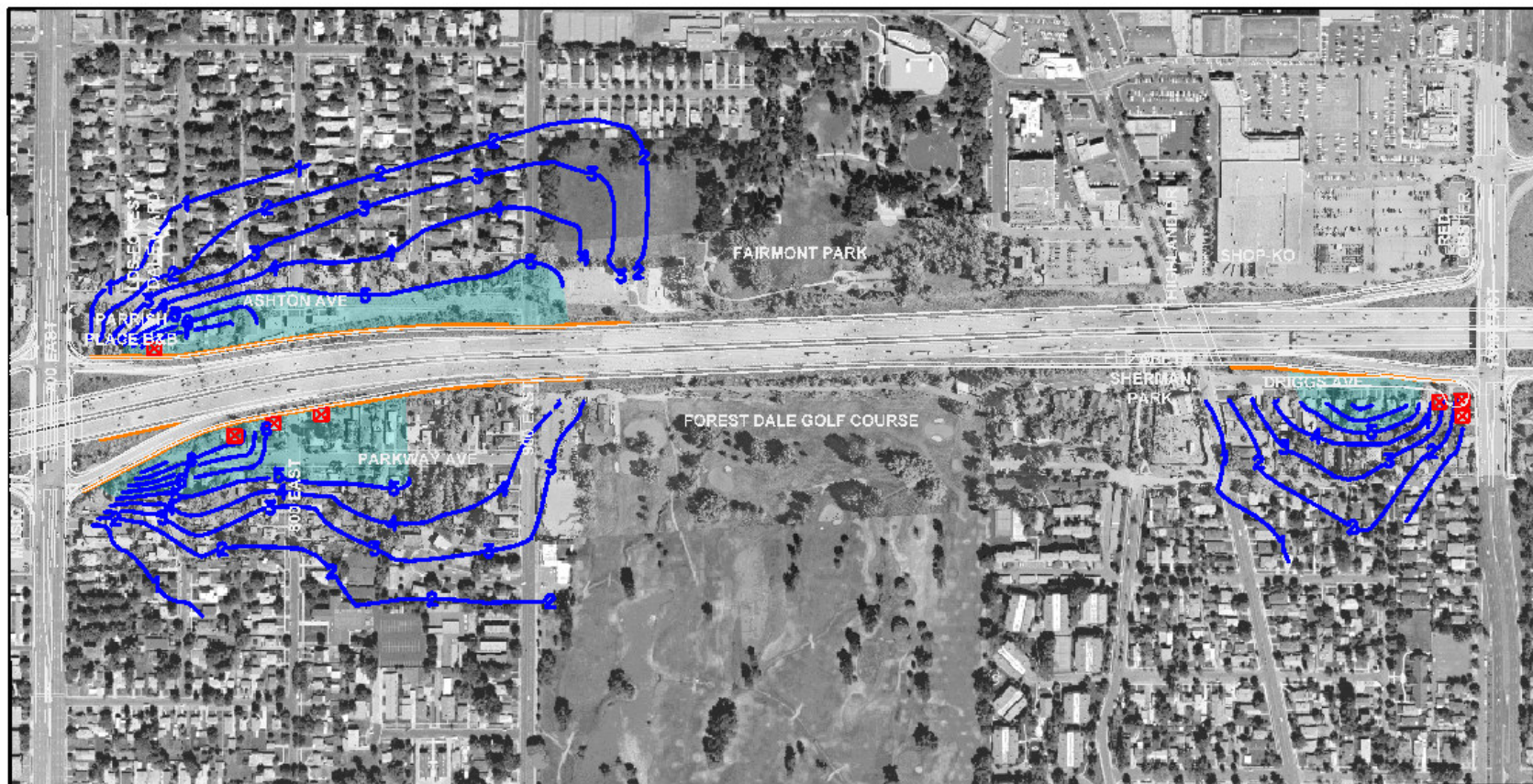




# I~80

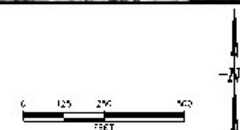
State Street to I300 East

## Noise Reduction Contours 700 East to I300 East



### LEGEND

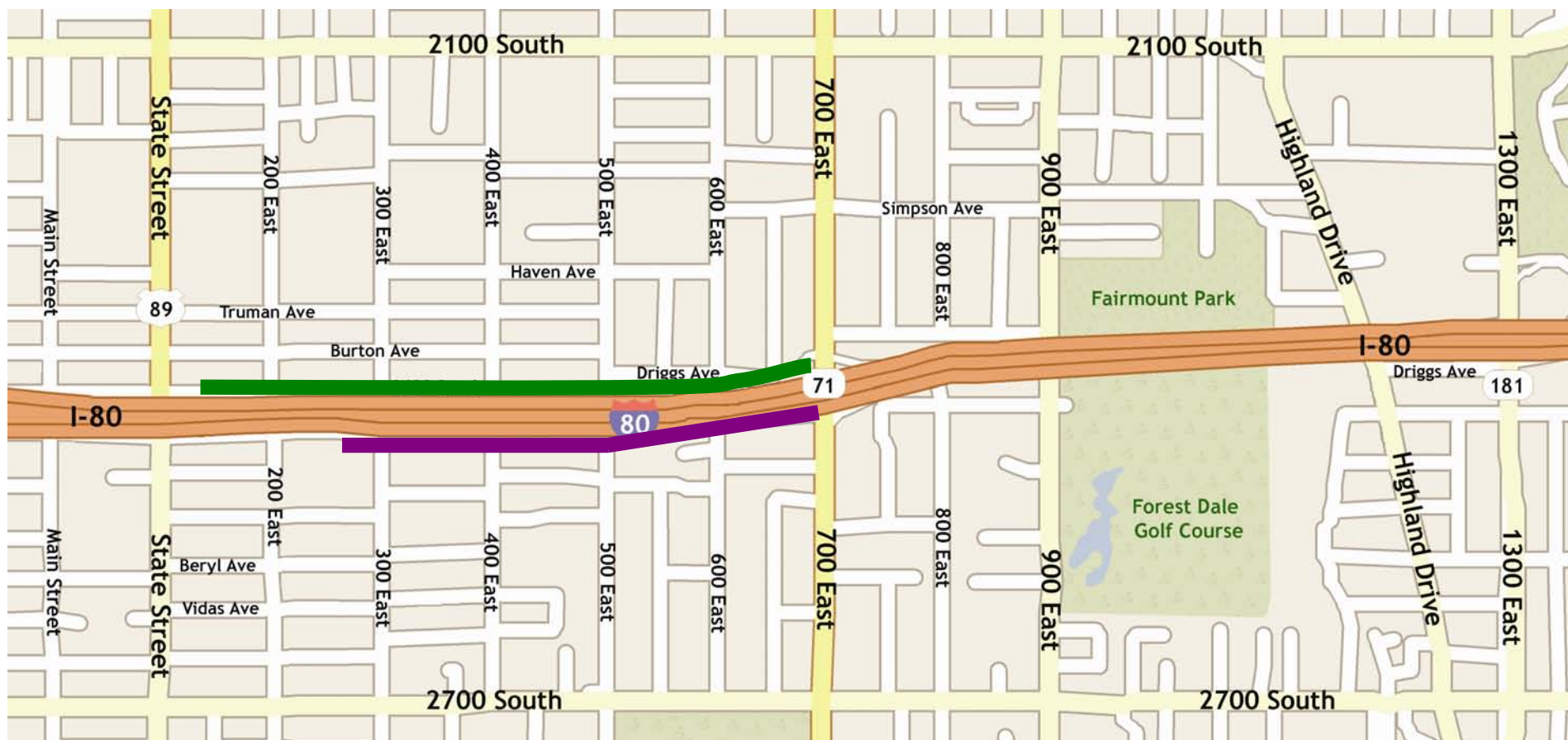
- Relocation
- Noise Wall
- Noise Reduction Contours
- Benefited Receivers





# I~80

State Street to 1300 East

## State St. to 700 East



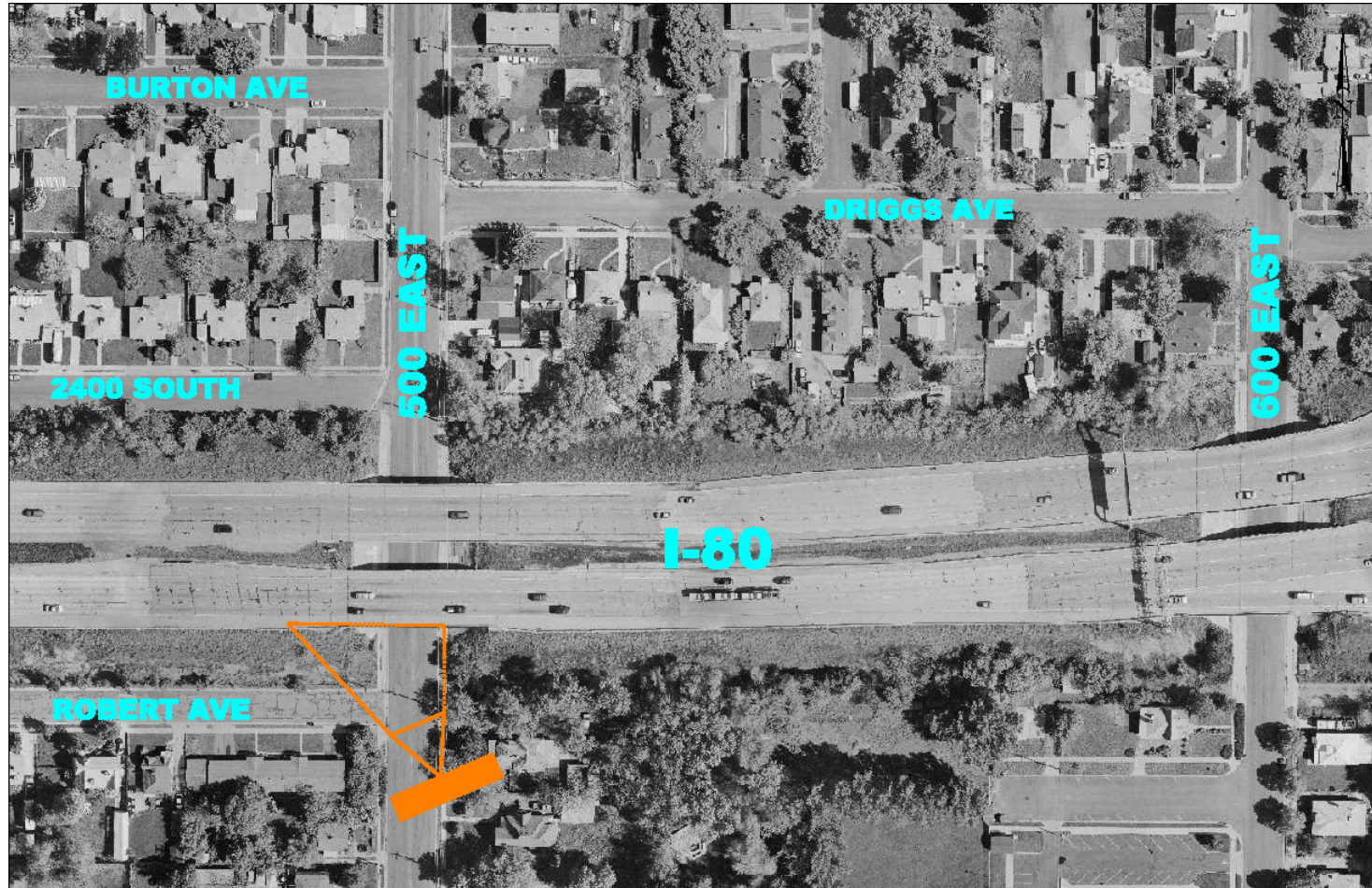
-  Noise Wall 1 Location
-  Noise Wall 2 Location



# I~80

State Street to 1300 East

## Photo - 500 East Looking North



# I~80

State Street to I300 East

## 500 East: Existing





# I~80

State Street to I300 East

## 500 East: Roadway Improvements





# I~80

State Street to I300 East

## 500 East: Roadway Improvements & Noise Wall



# I~80

State Street to I300 East

## Photo: 400 East Looking North





# I~80

State Street to I300 East

## 400 East: Existing



# I~80

State Street to I300 East

## 400 East: Roadway Improvements







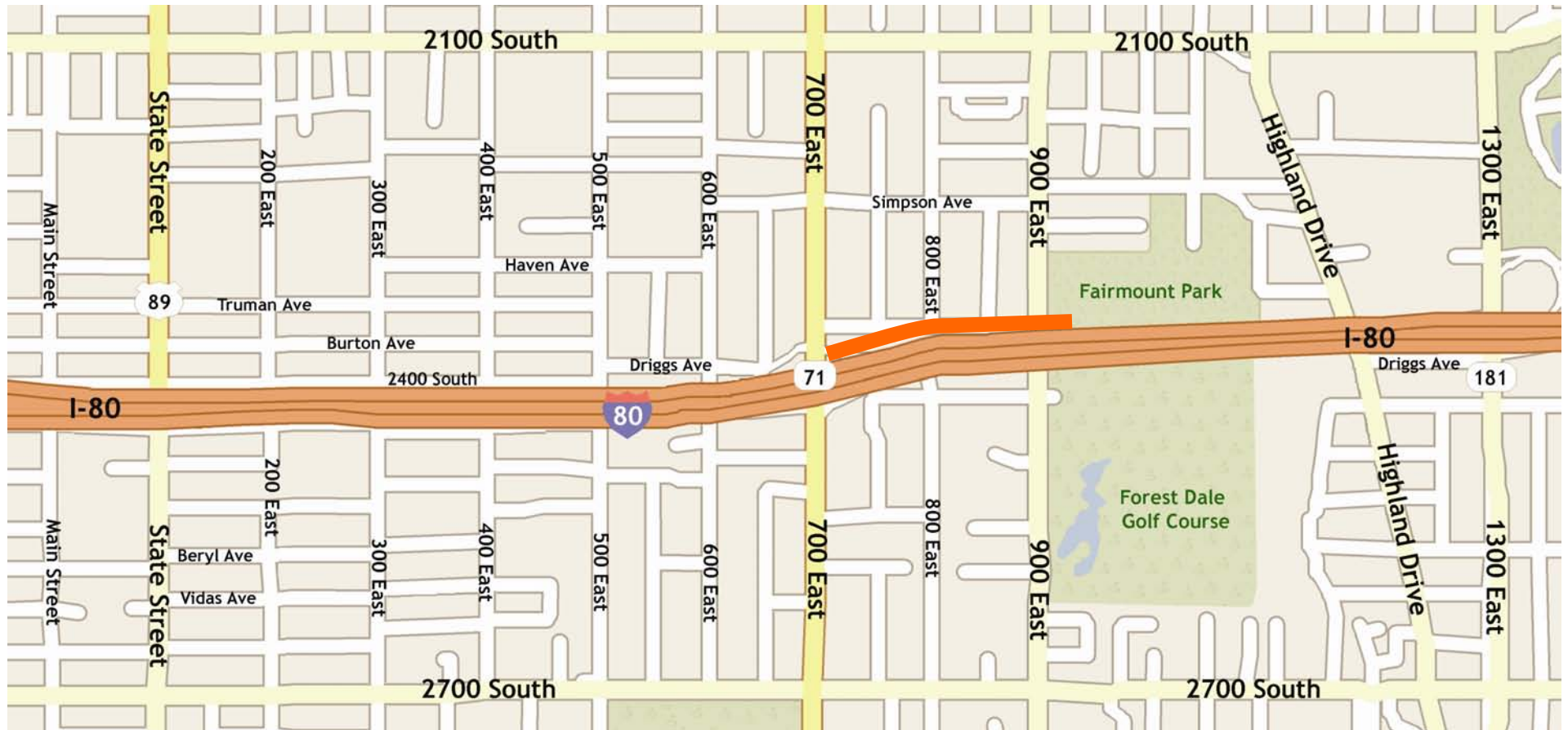
# 400 East: Roadway Improvements & Noise Wall



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State Street to 1300 East

## 700 East to 900 East



 Noise Wall 3 Location



# I~80

State Street to 1300 East

## Photo: 800 East Looking South





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State Street to I300 East

## 800 East: Existing



# I~80

State Street to I300 East

## 800 East: Roadway Improvements





# I~80

State Street to I300 East

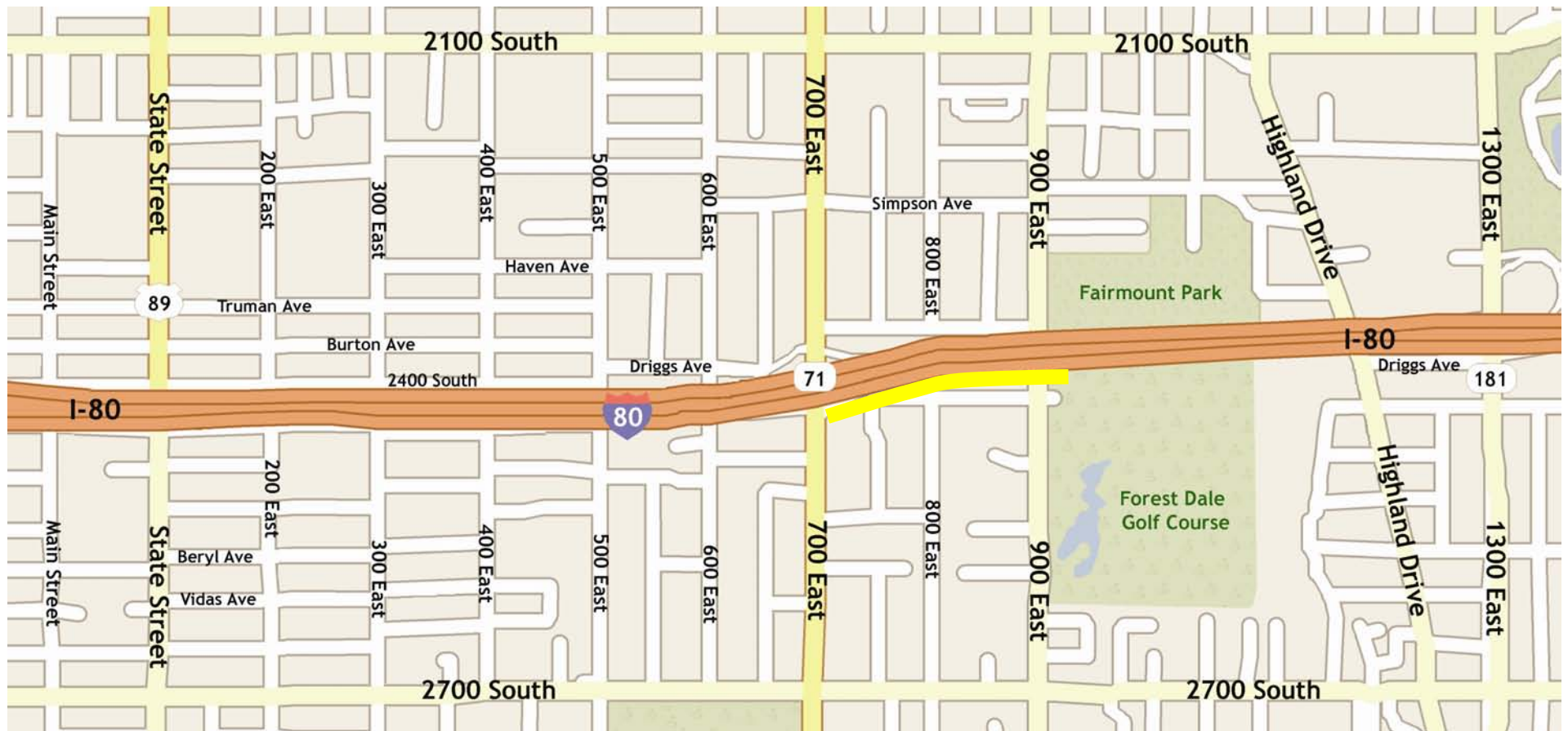
## 800 East: Roadway Improvements & Noise Wall



# I~80

State Street to 1300 East

## 700 East to 900 East



 Noise Wall 4 Location



# I~80

State Street to 1300 East

## Photo: 825 East Looking North





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State Street to I300 East

## 800 East: Existing



# I~80

State Street to I300 East

## 800 East: Roadway Improvements





# I~80

State Street to I300 East

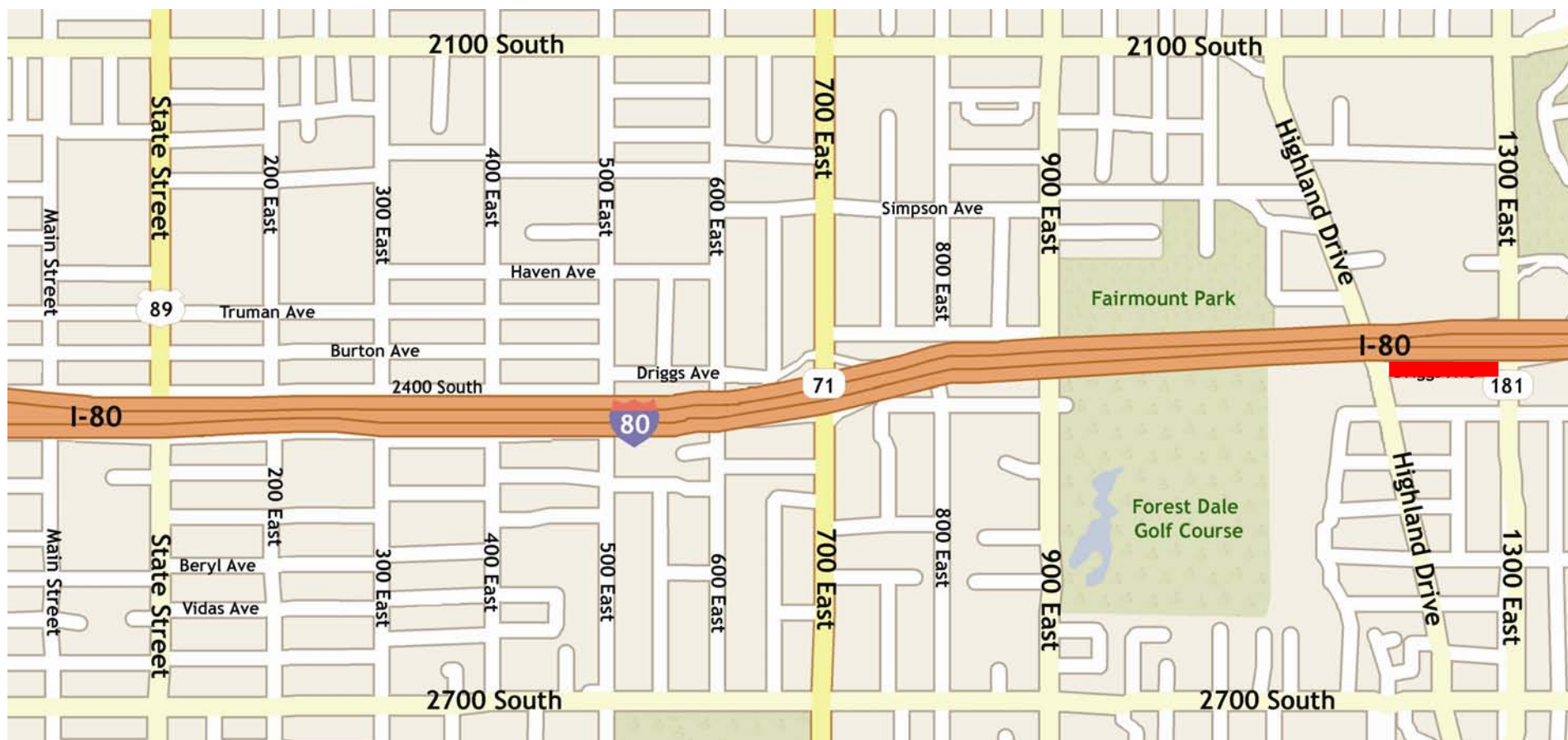
## 800 East: Roadway Improvements & Noise Wall



# I~80

State Street to I 300 East

## Highland Dr. to I 300 E.



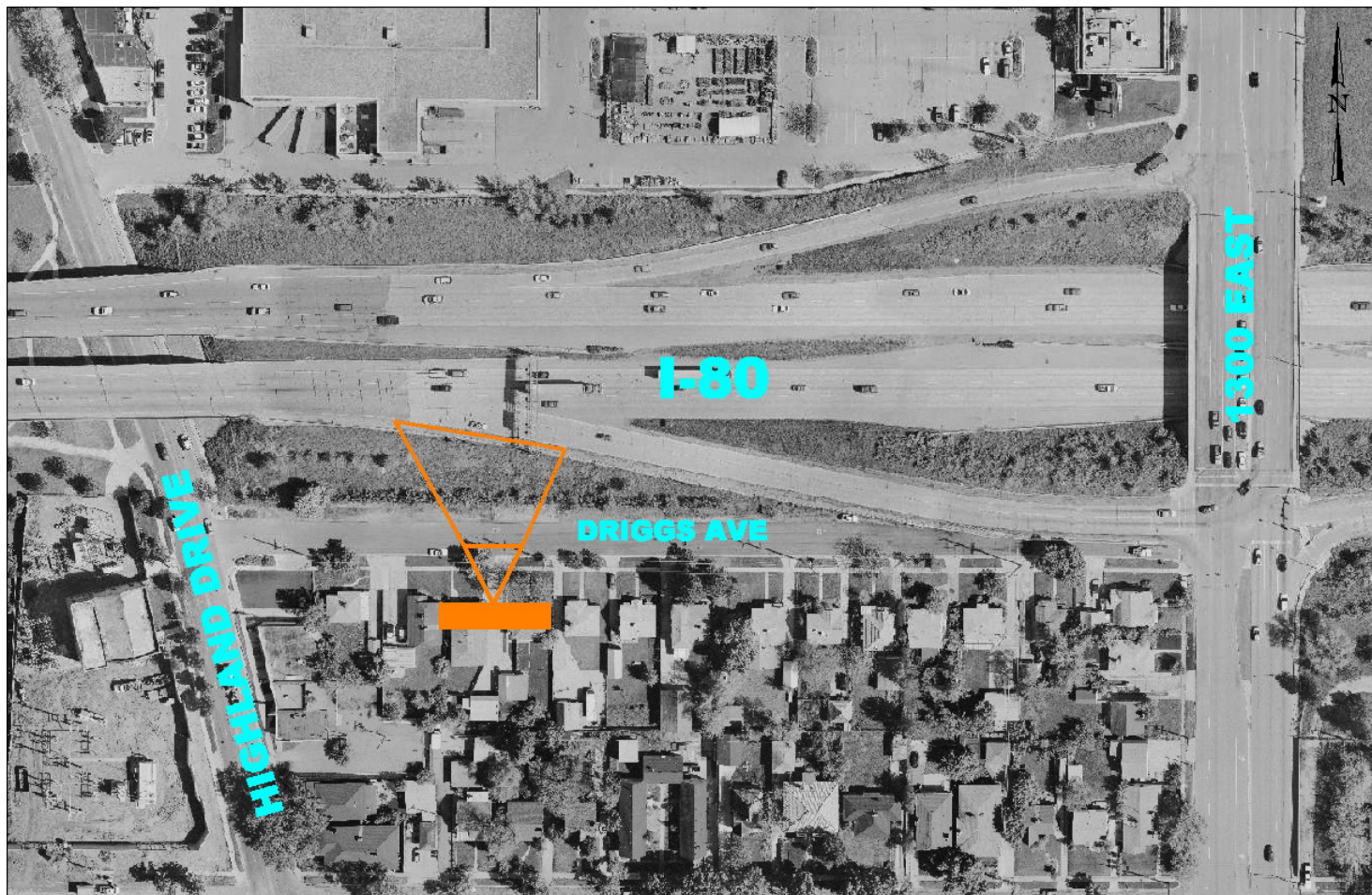
 Noise Wall 5 Location



# I~80

State Street to I300 East

## Photo: I 300 East Looking North



# I~80

State Street to I300 East

## I300 East: Existing





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State Street to I300 East

## I300 East: Roadway Improvements







# I300 East: Roadway Improvements & Noise Wall



## Noise Wall & MSE Wall Aesthetics

Some noise walls will have aesthetic treatments that influence the look of the roadway corridor.



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## What Happens Next?

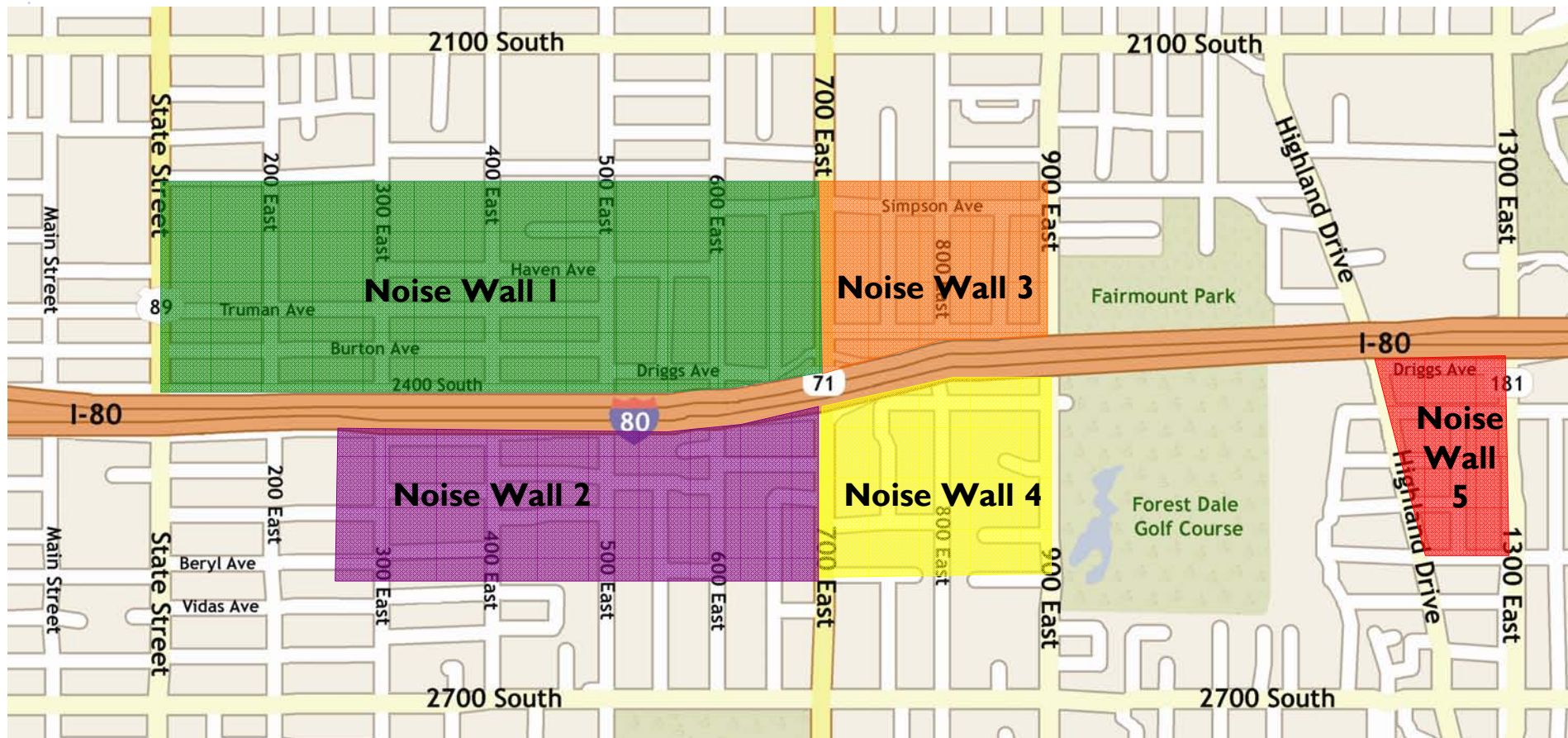
- Result of balloting
  - ❖ Notification of the results will be sent to property owners and posted on the project website/hotline
- Right-of-way acquisition
  - ❖ See ROW booth with questions
- Roadway Design
  - ❖ Determine corridor aesthetics
  - ❖ Design Hearing late-Fall 2007
  - ❖ Complete final roadway design
- Public Outreach
  - ❖ Construction Kick-off Open House – August 28, 2007



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## Wall Locations



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## General Questions